IMPERIAL AGRICULTURAL INSTITUTE
8 MAR 1947

REPORT

ON THE

DEPARTMENT OF AGRICULTURE

ST. LUCIA,

1945.

ST. LUCIA.
PRINTED BY THE GOVERNMENT PRINTER AT THE GOVERNMENT PRINTING OFFICE.
1946. [Price 3*d*.]

CONTENTS.

		Page.
SECTION I.—	Agriculture in the Colony	1
	General Situation	1
	Weather Conditions	1
	General Conditions & Progress in the Chief Industries ...	1
	Sugar, Molasses & Rum, Coconuts, Limes, Cocoa	1
	Minor Agricultural Industries	2
	Fresh Fruit Trade. Vegetables & Ground Provisions. Cotton. Other Crops.	
	Bee-keeping. Forest Products. Fishing Industry. Livestock ...	3
	Soil and Forest Conservation	4
	Importation of Foodstuffs	5
SECTION II.—	Work in the Department of Agriculture	5
	Plant and Seed Introduction	5
	Work at the Union Agricultural Station	5
	Government Stock Farm, Union Station	6
SECTION III.—	Plant Nurseries. Pests and Diseases	7
	Agricultural and Industrial Exhibition	7
	Development and Welfare Schemes	8
	Publications, Correspondence and Organizations	9
	Official Visitors and Staff	9
	Legislation affecting Agricultural Industries	9
	Comparative Schedule of Agricultural Products &c. Exported ...	10
	Rainfall Returns.	

SAINT LUCIA.

Report of the Department of Agriculture for the year ended December, 31st 1945.

AGRICULTURE IN THE COLONY.

General.

1. The year has been a difficult one with regard to supplies of imported foodstuffs, and in its endeavour to make the Colony as nearly self-supporting as possible, the Department continued to confine its main activities to the production of food-crops and livestock.

2. Although short-staffed for the greater part of the year the advisory and other routine services of the Department were well maintained throughout the year, and on the whole there has been satisfactory production and fair progress.

Weather Conditions.

3. Fairly heavy rainfall in the months of January, April, August, and October, and an unusually dry November, characterised rainfall conditions during the year. High winds were prevalent during the latter months of the year. Otherwise a mild dry season with fair rainfall distribution which greatly facilitated the planting of early yams and the maintenance of fresh vegetable supplies was experienced.

GENERAL CONDITIONS AND PROGRESS IN THE CHIEF INDUSTRIES.

Sugar.

4. Total production was 6,111.75 tons of sugar obtained from 57,360 tons of cane ground by three factories, as compared with the 1944 figures of 6,217.57 tons of sugar obtained from 55,146.5 tons of cane. The average extraction ratio was 1 ton of sugar from 9.44 tons of cane, as compared with 1 ton of sugar from 8.90 tons of cane in 1944.

5. The area reaped in 1945 was 2,111.71 acres, which gave an average yield of 25.11 tons of cane per acre. The variety B.H. 10/12 formed 72.7 per cent. of the total acreage reaped. The crop area comprised 12.9 per cent. plant cane, 13.99 per cent. 1st ratoons, 13.51 2nd ratoons, 10.15 3rd ratoons, and the remainder of 49.45 per cent. being 4th ratoons and over.

Molasses and Rum.

6. The quantity of molasses produced was 225,200 gallons, as compared with the previous year 197,000 gallons.

7. Rum manufactured was 6,346·7 proof gallons, all of which was consumed locally.

8. Production and export of sugar and sugar manufactures for the year are shown below :—

Product.	Produced.	Exported.	Value. £
Sugar	6,111.75 tons	4,638 tons	£7,3884
Molasses	225,300 gallons	...	...
Rum	63,646.7 proof gallons	...	...

Coconuts.

9. This industry again flourished as a result of the great demand and good prices for coconuts and copra. Yields obtained were satisfactory due to the availability of adequate labour and better cultural operations. A fair quantity of new plantings was also carried out.

10. More Malayan-type copra driers were erected, and the bulk of the crop was used in the manufacture of copra.

11. There were a few cases of bud-rot disease, and affected trees were destroyed.

12. The exports of coconuts and its produce, and coconut plants during 1946 were as follows:—

Coconuts 362,162 nuts	valued at	...	...	£2,193
Coconut fibre 1,040 lb.	,,	,,	...	8
Copra 1,550 tons	,,	,,	...	57,232
Coconut plants 14,684	,,	,,	...	168
Total value	...	...	...	£59,601

Limes.

13. Favourable weather conditions during the year resulted in a good crop. Old seedling trees produced fairly well, but, these are declining fast. Budded seedlings were much in demand, and arrangements have been made to increase production of seedlings for the next planting season.

14. In the colder areas, there have been a few cases of withertip, while some plantations were pestered by termites building numerous nests on the trunks and branches.

15. A total of 2,924 lime plants budded on wild grapefruit stocks was distributed from the Department's Nurseries during the year.

16. Export and values of lime products during 1945 were as follows:—

			£	s.	d.
Green Limes	14 barrels	...	6	0	0
Lime Juice, settled	17,162 gallons	...	1,655	0	0
Lime Oil:					
Distilled	1,506 lb.	...	2,259	0	0
Handpressed	90 ,,	...	225	0	0
Total	...	...	£4,145	0	0

Cocoa.

17. The 1944/45 main crop as a result of good weather conditions yielded well, and especially in the wet areas, the late crop was also very satisfactory.

18. Estate plots generally received adequate cultural attention but peasant plots suffered from neglect, with the result that rot damage to the crop was high in some localities.

19. Very little new plantings was done, but the Department is arranging to establish a nursery in the Southern District from which it is anticipated to supply a large percentage of the Island's needs.

20. Exports during the year amounted to 47,888 cwt. valued at £13,410. These figures show a slight increase over the previous year's production of 4,462.6 cwt. valued at £10,296.

MINOR AGRICULTURAL INDUSTRIES.

Fresh Fruit, Vegetables and Ground Provisions.

21. There was a good mango season which started with an early crop in March followed by the main crop in July. At the peak of the crop large quantities of fruits were left to rot on the ground due to lack of transport.

22. The grapefruit and orange crop was fair, but there was only a small surplus for export due to increasing local demand.

23. Avocados and pineapples were also plentiful in the Southern area.

24. Supplies of fresh vegetables, although there was no appreciable surplus available for export, continued to increase with more regular arrivals of imported seeds, as a result of better shipping facilities, and the position showed a marked improvement over the past four years. There also was an encouraging increase in the production of ground provision. Supplies were plentiful during the early and latter parts of the year, and there was at no time a serious shortage of provisions.

25. The value of exports for the year amounted to £1,381, as compared with the previous year's figure of £228.

Cotton.

26. The 1944/45 crop covered 22 acres, and yielded 6,542 lb. of clean lint and 120 lb. stained lint per acre. The total crop of clean lint was exported to the United Kingdom; the price realised was 29*d.*/30*d.* per lb. f.o.b.

27. A small experimental plot of the Montserrat strain was grown at the Morne Giraud Investigational Centre, but yields were poor due to adverse weather conditions following planting.

28. Approximately 15 acres have been planted for the 1945/46 crop.

Other Crops.

29. *Coffee.* Local demand was much in excess of the supply, and a fair quantity of Excelsa plants have been planted to increase subsequent output. Price of beans ranged from 1*s.* to 1*s.* 5*d.* per lb. The appearance of the Coffee Leaf Minor has proved a serious set back to this industry.

30. *Corn.* This crop was grown on a very limited scale, partly due to rats which ravish the fields even before coming into maturity. Selling price was 3*d.* per lb.

31. *Rice.* Interest in this industry is rising. The year's output of rice was about 3,000 bags of padi, obtained from 300 acres planted. With the arrival of a muller in the Colony, there is every indication of a larger output this year.

32. *Spices.* Export value has increase from £709 in 1944 to £1,342 in 1945. Products comprised cloves, vanilla, mace, nutmegs and cinnamon. Very little attention was given to these crops, but an effort is now being made to extend propagation for further expansion in this field.

Bee-Keeping.

33. Enthusiasm in Bee-keeping was maintained, but the export figures amounting to 104,767 lb. valued at £1,969 show a slight decrease on last year's out-put. The local price was about 18*s.* per 56 lb. tin.

Forest Products

34. Due to the increase of export duties on charcoal and firewood shipped to Barbados, which became effective in December of 1943, there was a slight but desirable decrease in the quantity of these commodities exported, and an appreciable increase in value. During the year 78,074 bags of charcoal valued at £11,275 and 572 cords of firewood valued at £1,293 were exported; as compared with 79,820 bags charcoal valued at £9,316 and 2,577 cords of firewood valued at £2,267 in 1944. Local lumber was sold at 4½*d.*—6*d.* per foot.

Fishing Industry.

35. Supplies of fresh fish were inadequate, except for a short period during the middle of the year when a few good catches of deep sea fish were made. During the greater part of the year supplies were somewhat below local demand; the position was, however, greatly relieved by more regular arrivals of shipments of cod fish.

36. Dr. H. H. Brown, Fishery Adviser to Colonial Development and Welfare, arrived in the Colony in June and investigated fishing possibilities, the supply of gear, and better fishing technique. His report has since been submitted and it is hoped that with the adoption of his recommendations, and more regular supplies of gear, the position will in due course improve.

Livestock.

37. Interest in the rearing of livestock, especially rabbits, goats, pigs and poultry was maintained throughout the year and the Department is making an effort to increase production by extending and improving its advisory services.

38. A keen interest was taken by some of the large stock owners in the improvement of pastures, and already this has been reflected in the quality of mules exported, and the average production in certain dairies.

39. No cases of swine fever were reported during the year. 70 pigs were inoculated by officers, of the Department at a very nominal fee, not equivalent to the cost of the service, while some estates carry out their own inoculation.

40. There is much scope for the improvement of livestock breeds in the Island, and the Department expects to increase its stud services during the current year.

41. The value of livestock exports during 1945 amounted to £699 10*s.* as follows :—

	£	s.
65 horses valued at	598	15
12 mules „ „	100	15
Total	£699	10

Animal Inspection Service.

42. Animal importations into the Colony were as follows :—

Goats	6
Sheep	1
Poultry	24
Dogs	11
Horses	2

43. 77 certificates of inspection were issued for animals leaving the Colony.

SOIL AND FOREST CONSERVATION.

Soil Conservation.

44. The general situation in this respect is that the Department undertook large scale demonstration as well as investigational work in Soil Conservation at the Morne Giraud centre; but the peasants, with a comparatively few exceptions, cannot yet appreciate the value of these methods. Better response comes from the larger land owners. Work on Soil Conservation is recorded in paragraph 87 of this report.

45. The Canaries Allotment Scheme has served another year of usefulness, and it is hoped that its lessons will soon be repeated on neighbouring lands.

46. Weir records were kept on the Union River during the dry season. The lowest flow recorded was at the end of March, approximately 230 gallons per minute.

Forest Conservation.

47. Throughout the year both forest patrols were very active and squatting and illicit timber cutting were kept well under control. Some 45 trees of various species were measured and marked for sawing in the Southern Range.

48. The timber plantations in Quilesse have been well kept, but the growth of the British Honduras Mahogany was greatly impeded by Shoot-borers. A 20 acre plot was marked out in the Quilesse Forest Area for Silvicultural operations. 1,351 Bois Tan, 2,367 Blue Mahaut and 200 Angelin seeds were sown in nurseries 62 per cent. of the Angelin did not germinate, possibly due to the fact that some of the seeds were not quite mature.

IMPORTATION OF FOODSTUFFS.

49. There was a phenomenal decrease in the import value of canned fish from £18,128 in 1944 to £874 in 1945 while there was an increase of £2,564 on the import of edible oil.

Other imports of Agricultural interest were coffee £1,623, jams £161, canned meat £368, rice £5,456, and milk £2,258.

WORK IN THE DEPARTMENT OF AGRICULTURE.

Plant and Seed Introduction, etc.

50. Introduction of planting material during the year comprised 8 packets of seeds, 35 cutting, including six new sugar cane varieties and seven pieces budwood. Details are as follows:—

Sugar cane—6 varieties —35 cuttings (Plant Quarantine Station, Trinidad).
Bergamot Orange budwood—7 pieces—Grenada.
Kudzu—Pueraria Javanica—1 packet—Trinidad.
Rice (upland) 5 packets—Puerto Rico
Tropical Kudzu—Pueraria Phaseoloides—1 packet—Puerto Rico.
Lua Lua Lei (bean)—1 packet—Trinidad.

51. 15 certificates of inspection were issued for planting material leaving the Colony.

52. The distribution of planting material from the Department's Plant Nurseries during 1945 is shown below:—

	Plants.	*Cuttings.*	*Seeds.*	*Truck Loads.*
Budded limes	2,924	...	...	...
Fodder grasses	1,850	1,820	...	42
Pineapples	43	...	...	...
Coconuts	279	...	...	...
Tangerines	8	...	...	...
Economic and food crops ...	8,610	5,200	...	...
Sour orange stock	2,053	...	...	...
Timber	578	...	...	...
Wild grapefruit stocks ...	954	...	...	...
Cane	...	450	...	...
Ornamental	460	230	...	...
Washington navel oranges ...	269	...	...	...
Marsh grapefruit	80	...	...	...
Excelsa coffee	159	...	...	...
Pears	14	...	...	...

Work at the Union Agricultural Station.

53. The maintenance of seed supplies and the production of planting material for distribution has continued to be the main function of the Station; Notes on the main crops follow:—

54. *Yams.* One plot of each variety was planted and yields were satisfactory. Lisbon (Ordinary) and "Bottle neck" Lisbon yielded 34 and 35 tons per acre respectively. Piquant 27 tons per acre. Potato or Chinese yam 39 tons per acre.

55. *Sweet Potatoes.* The varieties Black Rock, B. 44, B. 52 were maintained for the supply of planting material.

56. *Sweet Cassava.* Some interest was taken in this crop, and planting material was very much in demand.

57. *Adlay.* A very good crop is expected. Ratoons from the previous planting yielded 510 lb. of seeds, equivalent to the main crop.

58. *Corn* (*Maize*). Two crops were harvested. Yields were slightly higher than last year's 2,100 lb. of shelled grain per acre.

59. *Peas and Beans.* Soya beans made good growth, and the crop was satisfactory. The Lua Lua Lei, a new introduction, produced a significantly large crop in the trial planting.

60. The Sugar-cane variety section was maintained, and plants of different varieties were distributed according to the recommendations of the B.W.I. Central Cane Breeding Station.

61. The vegetable section was kept in production throughout the year, and a useful quantity of vegetable seeds and eschalot bulbs were harvested.

62. *Dwarf Coconuts.* Demands for plants continued, and trees are still very productive.

The Cavendish banana plot produced a good crop, averaging 50.7 count bunches per acre per month.

63. *Lucaena Glauca.* Made good growth and the plot was well maintained. Trial feedings were made with good results.

64. *Tropical Kudzu.* (Pueraria Phaseoloides) was tried and made appreciable growth within a short period. Seed is being collected for further propagation.

65. *Derris Elliptica* (*Amani Strain*). A plot has been maintained at the Station, but the community has not shown much interest in this useful plant.

Government Stock Farm, Union Station

66. Additions to the breeding stock of the Station were as follows:—
Poultry:—16 Rhode Island Red (Dark Strain) pullets bred on the Station.

Sheep—One African woolless Ram from St. Kitts.

Goats—One Anglo-Nubian Buck from Trinidad.

Swine—One pair Large Black piglings from Trinidad.

67. The $\frac{3}{4}$ bred Holstein Bull "Arneaud" was sold to the butchers. One Large Black sow died.

68. *Swine.* The Large Black boar was on service at the Station throughout the year. Nine Large Black piglings were sold.

69. *Rabbits.* Breeding work continues and 15 litters were obtained. One doe was culled from the breeding stock. Twenty-eight rabbits were weaned during the year.

70. *Goats.* The British Alpine Toggenburg buck stood for service at the Station, but not very much use made of him. One young buck (British Alpine Toggenburg) was supplied to the Agricultural Department, Dominica, for breeding purposes.

71. The Jack Donkey from Jamaica held the attention of breeders of horsekind, and results are expected early in 1946.

72. *Poultry.* Further progress was made with the flock of Rhode Island Reds. A total of 3,045 eggs was laid of which 2,313 were sold for hatching. The infertile eggs laid during the moulting season were sold for table purposes. Of thirty chicks hatched sixteen pullets were retained at the Station, and fourteen cockerels were sold.

Food Production 1945.

73. The Department continued to encourage greater production of food crops and every effort was made to assist growers by supplying them with all available planting material from Union Station, Morne Giraud Demonstration Centre and the country nurseries. Special emphasis was laid on growing a variety of crops, especially those which can easily be stored, instead of concentrating on only one or two crops; in this connection stress was laid on growing yams as a major ground provision crop. These efforts met with a fair measure of success and there was an encouraging increase in ground provision supplies. There was also a marked increase in supplies of fresh vegetables; this was, in a large measure, due to more regular arrivals of imported seeds as a result of better shipping facilities.

Plant Nurseries.

74. The Nursery at Rabot continued to be used mainly for the propagation of citrus, pears, mangoes, and coffee for distribution.

75. At St. Jour work beyond mere maintenance of plots was restricted. The Department hopes to transfer this nursery to a more suitable site.

76. A small plot of Sapucaia Nut (*Lecythis Zabucajo*) was planted at the Quilesse Nursery and latter in the year was inter-planted with Cavendish Banana. Growth was poor.

Vanilla propagation was extended and plants will be available for 1946 season. Experimental plantings of corn, and peanuts varieties were carried out.

The experiment with Washington Navel oranges, tangerine, and grapefruit, budded on the sour orange stock has not been very successful.

77. The main function of the Barre de L'Isle Nursery continued to be the propagation of citrus and coffee plants 698 and 125 plants respectively were distributed during the year.

Pests and Disease.

78. Shoot-borers have seriously impeded the growth of the British Honduras Mahogany by cutting the heads of the young plants. In the coconut plantations rats continue to take a heavy toll of the crops in the field and there were few incidences of Bud-Rot disease, which were promptly dealt with.

79. There were a few cases of Wither-tip among the lime groves in the colder regions.

80. Rats were a menace to the Cocoa fields in some areas, and it is unfortunate some farmers apparently accept this pest as inevitable.

81. Cotton fields were attacked by the Cotton Leaf worm, but were controlled by lead arsenate sprays.

Agricultural and Industrial Exhibition

82. Under the auspices of the St. Lucia Agricultural and Commercial Society, an Agricultural Industrial and Health exhibition was held on the 14th of February. This was the first Exhibition held in fifteen years, and it proved to be a great success.

83. Every section of the community was well represented, and the Agricultural stalls were up to expectations. Exhibits of all kinds of agricultural produce were in evidence. In addition to the patronage of His Honour the Administrator, the function was attended by distinguished overseas visitors including amongst others, Professor W. C. Miller, President of the Royal College of Veterinary Surgeons, Mr. C. C. Skeete, Director of Agriculture, Windward Islands, Mr. W. O. B. Donovan, Agricultural Superintendent, Grenada, Mr. C. K. Robinson, Agricultural Superintendent, St. Vincent and the Hon. C. A. O. Phillips of Grenada.

84. A statement of account was presented to the Exhibition Committee by the treasurer at a meeting held on the 15th of December. The net proceeds amounted to £146 2*s*. 3*d*. which amount has been deposited in the Government Savings Bank to the account of the Chairman of the Permanent Exhibition Committee.

DEVELOPMENT AND WELFARE SCHEMES.

85. The Development and Welfare Schemes so far approved for this Department are discussed in the following paragraphs.

86. D. 92, *Agricultural Department Staff*. £7,821. Up to the end of 1945, one Agricultural Assistant, one Senior Agricultural Instructor and two Junior Agricultural Instructors were appointed under this scheme.

87. *D. 91. (a) Morne Giraud Investigation and Demonstration Centre* £3,991. Considerable progress has been made since this scheme was started in March of 1944. The anti-erosion layout of all sections, was completed during the year. Unfortunately the surveyor has not yet been available for surveying the various sections. With result that yields and cost per acre cannot yet be given; however, records of work and yields in various sections have been kept.

A house has been built for the Senior Agricultural Instructor of the Northern District who will reside on the Centre. The value of the Centre to the district has already been proved. A number of the more enterprising peasants have started similar work on their own holdings and regular applications for assistance were received.

88. *D. 91 (b) La Fargue Investigation and Demonstration Centre* £4,485. So far the land has been purchased and an officer's house is being erected. There has been considerable delay on the progress of this scheme, and it is quite possible that further development may be deferred for some time.

89. *D. 93 (a) Pasture Improvement* £500. Plots of fodder grasses have been laid out, and maintained. Distribution of grasses has already been started.

90. *D. 93 (b) Grass Nurseries* £250. Two nurseries have already been established, and progress is being made.

91. *D. 94. Re-afforestation* £500. Work incurring small expenditure has been started in the Southern Area. A large amount of imported seeds has been propagated.

92. *D. 13. (a.g.) Tools and prizes School Gardens* £70. The amount for tools, £50, has been spent, and the amount for prizes £20 will be distributed in the coming year.

93. *D. 264. Farm Manager, Government Stock Farm, Union* £2,400. In view of changed conditions this scheme has not been proceeded with.

94. *D. 264. Quarters for Farm Manager and Labourers Government Stock Farm, Union* £2,000. The construction of the Farm Manager's house has been partially completed.

95. *D. 13. A (a.k.) Agricultural Industrial Exhibition* £100. The exhibition was held during the year, and the funds have been absorbed into the accounts of the permanent Exhibition.

96. *D. 201 (u) Pottery Instructor* £90. The services of a pottery instructor has been obtained after much difficulty, and it is expected that his work will commence early in 1946.

97. *D. 13. B (a.d.) Purchase of Rice Mill* £400. The mill has been purchased and will be installed to meet the 1946 crop.

98. *D. 91 (a) A Morne Giraud Scheme (Supplementary)* £1,700. The initial work on this scheme has already been completed, and amounts for recurrent expenditure now remains.

Publication, Correspondence and Organisations.

99. Various reports and memoranda, in addition to the normal monthly, quarterly, and annual returns were submitted as required.

100. 579 outgoing letters, and 365 Minute Papers, involving 429 replies were dealt with during the year.

101. A large number of bulletins and reports was regularly received from Departments of Agriculture and other institutions in all parts of the world, and these are gratefully acknowledged.

102. The Acting Agricultural Superintendent and the Agricultural Assistant (also as Acting Agricultural Superintendent) attended many meetings during the year. Four meetings of the Board of Agriculture were held.

Official Visitors.

103. Official visitors to the Department included :—

Mr. C. C. Skeete, B.A., Director of Agriculture for the Windward Islands,
Dr. J. S. Beard, M.A., B. Sc., Ph. D., Assistant Conservator of Forest, Lesser Antilles Division.
Mr. P. E. Turner, M. Sc., F.I.C., Sugar Agronomist,
Professor W. C. Miller, President of the Royal College of Veterinary Surgeons,
Mr. C. K. Robinson—Agricultural Superintendent, St. Vincent.
Mr. W. O. B. Donovan—Agricultural Superintendent, Grenada.
Mr. L. de Verteuil—Agricultural Superintendent, Dominica.
Mr. P. O. Weihe of the Mauritius Department of Agriculture.
Dr. E. McC. Callan—Acting Professor of Entomology, Imperial College of Tropical Agriculture, Trinidad.
Dr. H. Brown, M.A., Ph. D., Director of Fisheries Investigation in the British West Indies.

Staff.

104. Mr. G. B. Gregory, Acting Agricultural Superintendent was absent from the Colony on leave from the 5th November.

105. The following appointments were made under Colonial Development and Welfare Scheme D. 92 Mr V. H. Stewart (Jamaica) Agricultural Assistant as from 3rd September. He was appointed to act as Agricultural Superintendent during the absence of the Acting Agricultural Superintendent from the Colony.

Mr. H. V. Atkinson (Jamaica) Senior Agricultural Instructor as from 11th July.

Mr. A. Pemberton (Dominica) Junior Agricultural Instructor Grade I as from 25th August.

Mr. D. Louisey, Junior Agricultural Instructor Grade II, as from 1st July.

Legislation Affecting Agricultural Industries.

106. New Legislation passed during 1945 was as follows :—

Sale of Produce Ordinance No. 4 of 1945. To amend and consolidate the law relating to the sale of certain Agricultural Produce.

Forest, Soil and Water Conservation Ordinance No. 6 of 1945. To make provision for the Conservation of the Forest, Soil and Water Resources of the Colony.

Excise Duty (Sugar) Ordinance No. 8 of 1945. To continue the Excise Duty (Sugar) Ordinance 1941.

Sugar Control (Quota and Local Consumption) Order, Statutory Rules and Orders No. 9 of 1945 (17th March, 1945.)

Sugar Control (Quota and Local Consumption) (Amendment) Order, No. 31 of 1945, (28th July, 1945.)

Animal Disease (Cancellation of Orders and Notices) Order No. 38 of 1945 (22nd September, 1945).

APPENDIX I.

Comparative Schedule of Agricultural Products and By-Products Exported 1943—1945.

		1943.			1944.			1945.		
		Quantities.	Value. £	£	Quantities.	Value. £	£	Quantities.	Value. £	£
Sugar Products:										
Sugar, Vacuum Pan	tons	6,115	67,244	67,244	4,978	68,993	68,993	4,638	73,884	73,884
Cacao Products:										
Cocoa Raw	lb.	375,739	6,980		cwt. 4,470	10,296		cwt. 4,788	13,410	
Prepared Cocoa	,,	286	6	6,986	...	64	10,360	...	60	13,470
Lime Products:										
Concentrated Lime Juice	gals.	180	120		1,558	253		...	...	
Raw Lime Juice	,,	1,458	110		13,981	1,222		1,7162	1,655	
Distilled Lime Oil	lb.	5,833	8,901		4,473	6,571		1,506	2,259	
Hand Pressed Oil	lb.	190	370		141	353		90	225	
Green Limes	brls.	59	27	9,528	31	14	8,413	14	6	4,145
Coconut Products:										
Coconuts	No.	541,170	1,508		477,082	2,190		362,162	2,193	
Coconut Fibre	lb.	...	...		...	9		1,040	8	
Coconut Plants		34	14		...	1		14,684	168	
Copra	tons	1,067.8	23,967	25,489	1,345	39,261	41,461	1,550	57,232	59,601
Honey Products:										
Honey	lb.	64,916	1,166	1,166	108,538	2,366	2,366	104,767	1,969	1,969
Spices:										
Nutmegs	lb.	8,265	282		9,728	411		12,482	688	
Cinnamon	,,	270	6		1,323	27		7,287	470	
Mace	,,	1,199	131		1,740	172		1,552	149	
Ginger	,,	1,911	37		1,168	15		792	19	
Vanilla	,,	33	49		87	83		...	...	
Cloves	,,	203	10	515	29	1	709	138	6	1,342
Cotton Products:										
Sea Island Cotton	lb.	2,387	278	278	7,534	753	753	6,542	654	654
Vegetable Products:										
Pumpkins	,,	233	3		706	8		1,231	7	
Plantains	bchs.	19	3	6	1,244	170	178	1,395	175	182
Fresh Fruit & Products:										
Tamarinds	lbs.	39,169	246		40,432	517		32,657	229	
Mangoes	crates	482	66		2,614	589		5,313	801	
Bananas	bchs.	93	7		38	4		82	9	
Grapefruit	crates	25	6		97	24		45	6	
Oranges	,,	38	12		20	5		32	11	
Mixed Fruits	,,	2,928	409	746	2,588	286	1,435	2,143	324	1,380
Forest Products:										
Boards (native)	c. ft.	656	60		3,510	36		100	8	
Firewood	cords	769	567		342	39		572	1,293	
Hardwood	c. ft.	...	...		2,577	2,267		574	45	
Charcoal	bags	61,204	7,574		79,820	9,316		78,074	11,275	
Shingles		...	...		8,050	34		...	...	
Miscellaneous		...	236	8,437	...	52	11,744	...	164	12,785
Live Stock & Products:										
Mules		3	29		31	289		12	100	
Horses	No.	...	...		105	930		65	599	
Hides & Skins	,,	...	...	29	274	16	1,235	...	...	699
Total Exports				120,424			147,647			170,111

RAINFALL RETURNS, 1945.

Observation Stations.	Jan.	Feb.	Mch.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Maximum in one day and date.		No of days of rain.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
Gros Islet Village ..	2·17	3·48	1·10	5·72	6·92	6·89	5·61	9·97	8·80	9·83	3·05	3·94	67·48	4·00	2nd Aug. & 27th Oct.	115
Cap Estate ...	2·19	2·80	1·53	6·15	5·59	7·05	5·83	9·60	11·16	11·37	3·23	2·19	68·69	2·42	,,	114
Morne Giraud ...	2·66	3·04	1·12	6·85	6·87	6·19	4·12	9·79	8·57	10·69	2·96	4·03	66·89	3·44	,,	226
Castries, Corinth ...	2·14	3·70	2·10	9·98	7·76	7·72	4·89	13·86	11·22	12·33	5·62	5·73	87·05	3·57	,,	250
Marquis Estate ...	2·55	3·19	·77	11·99	5·62	8·25	6·25	12·55	13·12	12·87	8·88	5·09	81·13	4·15	2nd Aug.	162
Union Experimental Stn.	4·93	3·03	·88	9·04	7·03	9·24	6·95	14 69	12·75	12·30	7·40	4·56	92·74	3·36	27th Oct.	251
Babonneau ...	5·77	4·22	1·25	13·97	12·42	13·00	7·22	20·14	16·91	19·21	12·10	6·32	139·43	4.28	28th Oct.	257
Government House ...	3·55	3·97	·76	7·03	2·27	4·39	8·64	13·00	5·57	2·33	1·07	4·75	57·33	2·15	28th July	226
George V Park ...	3·56	5·17	1·30	12·00	7·54	8·91	7·26	17·93	13·23	14·57	7·53	7·00	106·00	3·04	27th Oct.	257
*Victoria Hospital ...	2·78	3·80	·74	8·53	...	...	...	...	...	...	...	...	...	...	...	...
Soucis Est., Cul-de-Sac	2·75	2·49	...	14·99	7·61	12·72	9·82	17·40	15·59	13·74	15·42	5·36	117 89	3·60	3rd Apl.	154
Crown Lands Est., ,,	2·11	4·55	1·20	16·50	10·35	5·70	10·55	14·25	15·37	13·05	8·15	6·65	108·43	3·70	27th Oct.	136
Mont D'Or Est., Roseau	2·95	3·75	1·10	11·38	8·45	12·60	10·90	12·05	13·85	9·15	7·13	5·94	99·25	3·00	3rd Apl	187
Belair Estate, ,, ...	3·01	4·87	·65	9·73	5·24	5·61	7·38	10·25	9·36	7·39	5·11	4·23	72·83	2·60	2nd Apl.	246
Vanard ,, ,, ...	2·92	3·39	1·00	11·03	8·50	10·78	11·33	12·02	14 28	9·59	7·27	6·08	98·10	3·20	17th June	187
Roseau ,, ,, ...	2·74	4·84	·94	12·44	5·87	9·14	8·37	11·58	9·79	9·68	6·52	4·95	86·83	3·50	2nd Apl.	254
Barre de l'Isle Nursery	4·45	5·34	2·53	18·55	13·21	11·38	12·92	14·44	17·18	14·16	9·65	10·32	134·13	3·85	8th, 10 May	294
Soufrière, La Perle Estate	1·62	7·16	1·63	6·31	5·85	7·51	7·93	13·37	6·98	12.49	5·18	13·10	89·13	3·54	2nd Oct.	223
Ruby Estate ...	2·61	6·45	1·80	6·14	6·16	7·34	7·99	13·13	6·99	12·66	5·30	13·18	89·15	3·55	3rd Oct.	206
Union Vale Estate ...	1·77	1·50	·20	5·60	4·10	3·68	6·16	10·77	3·40	9.52	2·47	2·22	51·39	3·70	,,	109
Beausejour ,, ,,	3·45	6·19	1·71	8·95	10·10	9·72	9·58	16·78	9·13	13·06	9·63	9·75	108·05	3·20	,,	302
Belle Plaine ,,	3·23	6·88	1·56	9·30	10·12	9·49	9·08	16·51	10 06	18·87	9·71	9·33	114·14	2·24	3rd Aug.	310
Rabot Estate ...	2·64	6·07	1·66	7·05	6·85	8·12	8·20	15·14	8·15	12·82	7·22	7·71	91·63	3·20	4th Oct.	245
Quilesse Nursery ...	6·23	8·00	3·71	16·07	14·48	11·04	14·41	19·72	14·56	16·01	17·38	16·78	158·39	4·12	3rd Oct.	263
Rabot ,, ...	2·15	5·68	1·04	5·87	6·00	7·39	8·00	14·53	8·83	13·10	6·72	6·82	85·93	5·00	,,	251
Choiseul, Morne Lezard Est.	2·07	4·56	·86	4·98	7·28	5·87	5·80	10·02	9·64	11·79	6·89	6·40	76·16	2·83	9th Nov.	254
Park Estate ...	2·54	4·48	3·02	7·14	9·13	7·09	7·28	17·51	10·80	11·89	9·57	7·94	98·39	3·10	10th Nov.	303
Woodlands Estate ...	8·15	·83	3·14	10.28	12·09	8·91	8·40	14·45	13·79	14·39	13·35	11·71	119·49	4·55	3rd Aug.	352
Balembouche Estate ...	1·80	3·13	...	3·40	6·04	5·04	4·11	10·71	11.15	8·16	4·35	2·80	60·66	2·48	9th Nov.	88
Londonderry Estate ...	2·30	5·13	·94	6·31	7·81	5·53	4·12	9·05	8·97	12·82	6·29	8·18	77·45	3·00	5th Sept. & 3rd Oct.	161
Laborie, Giraud Estate ...	2·55	6·64	1·51	8·51	10·93	8·14	6·87	14·00	12·13	14·30	9·42	6·31	101·31	4·00	,,	184
Vieux-Fort, Moule-à-Chique	1·36	2·85	1·02	3·60	3·12	3·65	3·43	6·87	8·40	8·29	4·87	[illegible]	[illegible]	3·78	17th Sept.	146
Beane Field ...	·77	2·59	·39	3·89	5·02	5·38	4·27	7·60	9·89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4th Oct.	272
Micoud, Troumassée Est.	1·40	2·75	2·26	3·55	5·90	4·51	2·75	11·77	13·55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mamiku Estate ...	2·57	1·98	·89	4·81	7·39	5·46	4·96	12·79	7·00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fonds Estate ...	2·81	3·45	1·16	7·21	5·49	5·37	4·19	10·96	10·31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dennery, Prospect Est. ..	3·42	3·16	2·61	13·60	10·24	8·88	3·97	9·64	9·91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Border Estate ...	3·50	2·99	2·73	9·24	10·50	9·25	8·37	18·42	16·79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
La Cayé Estate ...	3·90	3·41	1·26	14·31	14·71	9·04	9.55	13·61	12·43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ressource Estate ...	4·57	5·74	3 54	19·34	17·57	11·20	15·15	22·44	14·34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* Record discontinued

Maxima

FF OF THE DEPARTMENT OF AGRICULTURE, ST. LUCIA.

Y (1) Dip. Agric. (I.C.T.A.)	...	Agricultural Assistant.
RT (2) Dip. Agric. (J.S.A.)	...	Agricultural Assistant.
XANDER (3)	...	Senior Agricultural Instructor.
INSON	...	,, ,, ,,
	...	Senior Agricultural Instructor.
S	...	Forest Ranger.
TON	...	Junior Agricultural Instructor.
C. LaPorte	...	,, ,, ,,
D. Louisey	...	,, ,, ,,
L. Beaubrun	...	,, ,, ,,
G. M. Campbell	...	Foreman, Union Station.
Miss E. T. Bouty	...	Chief Clerk and Accountant.
J. F. Girard	...	Second Clerk.
Miss E. Augier	...	Acting Second Clerk.
D. G. Mason (4)	...	Clerk in Training.
Miss E. St. Helene	...	Acting Clerk in Training.

(1) Acting Agricultural Superintendent from 4/12/44.
(2) Acting Agricultural Superintendent from 5/11/45.
(3) Acting Agricultural Assistant from 5/11/45.
(4) On secondment to the District Court.